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**LAB-SPONSORED SCIENCE FAIR WINNERS TAKE HOME AWARDS
AT INTEL AND STATE SCIENCE FAIRS**

Two senior sweepstakes winners of the 2007 Tri-Valley Science & Engineering Fair, sponsored by Lawrence Livermore National Laboratory in March, have won five awards at the Intel International Science and Engineering Fair held in Albuquerque, May 13-18. In addition, one junior sweepstakes winner competed successfully in the California State Science Fair in Los Angeles, May 21-22.

Richard Li, an 11th grade student from Monte Vista High School in Danville picked up multiple awards for his project entitled “A Novel Approach to Rapid Diagnosis of Cancer” that explains how a protein could diagnose cancer. His awards included: a \$500 prize for Best in Category Fourth Place in Chemistry; a \$100 award from the American Association for Clinical Chemistry; a \$5,000 annual tuition scholarship and a paid summer internship from Albany College of Pharmacy at Union University, N.Y.; and a \$120,000 tuition scholarship from Drexel University, Pa.

Yuyang John Mei, an 11th grade student from Monte Vista High School in Danville received a paid summer internship sponsored by Agilent Technologies for his award-winning project entitled “A Novel Pathway for PTEN Chemo Sensitization” that unravels a protein to help fight cancer.

The annual Intel International Science and Engineering Fair, now in its 58th year, brings together some of world's most accomplished high school science students. This year's event drew more than 1,500 students from more than 50 countries with more than 1,200 projects (students have the option of working in teams). Competition is difficult, with 26 percent to 28 percent of the projects garnering awards.

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Alison Burklund, an eighth-grade student from the Valley Montessori School in Livermore, won first place and a \$250 award in the Environmental Science category at the California State Science Fair for her project “Hazardous Waste: What Soil Fits its Taste?”, that determines the best soil type for minimizing the impact of hazardous chemicals on groundwater. A total of 969 students participated in the fair that is geared for sixth- through eighth-grade students. In addition, Burklund was one of three students selected to speak at a VIP reception at the event.

Founded in 1952, Lawrence Livermore National Laboratory has a mission to ensure national security and to apply science and technology to the important issues of our time. Lawrence Livermore National Laboratory is managed by the University of California for the U.S. Department of Energy’s National Nuclear Security Administration.

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<http://www.llnl.gov/PAO> and on UC Newswire.

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